

EXHIBIT II

CANCELED ORIGINAL

CLAIMS 1 and 6

1. An optical disc apparatus for recording, reproducing or erasing an information signal by converging a light flux onto/from a recording layer through a transparent disc substrate, comprising:

N converging means whose aberrations have respectively been corrected for said N ($N \geq 2$) disc substrates having different thicknesses;

disc discriminating means for discriminating the thickness of the disc substrate of a loaded optical disc and for generating a discrimination signal corresponding to the result of the discrimination; and

control means for selecting the converging means in which the occurrence of the aberration due to the disc substrate is smallest in accordance with the discrimination signal.

6. An apparatus according to claim 1, wherein said converging means comprises objective lens and aberration correcting means, and wherein said apparatus comprises:

an optical head having

light emitting means,

said objective lens each for converging the light flux emitted from the light emitting means onto the optical disc,

photo detecting means for detecting the reflected light from the optical disc,

said N aberration correcting means, and

holding means for holding said N aberration correcting means, for selecting one of the N aberration correcting means in accordance with a control signal and for moving onto an optical path between the light emitting means and the optical disc;

optical head moving means which is arranged below the optical disc and moves the optical head in the radial direction of the optical disc;

disc discriminating means for discriminating the thickness of the disc substrate of the loaded optical disc and for generating the discrimination signal according to the result of the discrimination;

and control means for generating the control signal to said holding means in accordance with the discrimination signal and for moving the aberration correcting means onto said optical path in which the occurrence of the aberration due to the disc substrate is smallest onto said optical path,

and wherein the optical head records, reproduces, or erases the information signal onto/from the optical disc by the light flux which has transmitted the selected aberration correcting means.